

United States Geological Survey (USGS) Open Space Easement



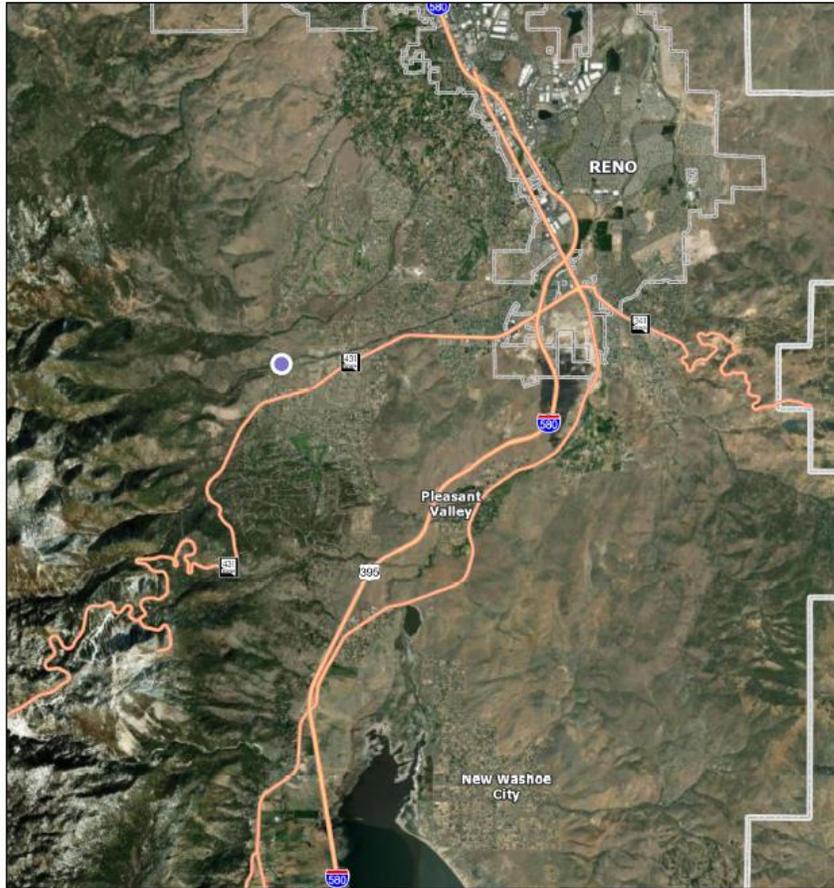
Washoe County Open Space and Regional Parks Commission

May 24, 2023

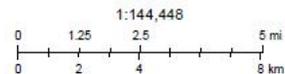
Location

- APN 049-752-08

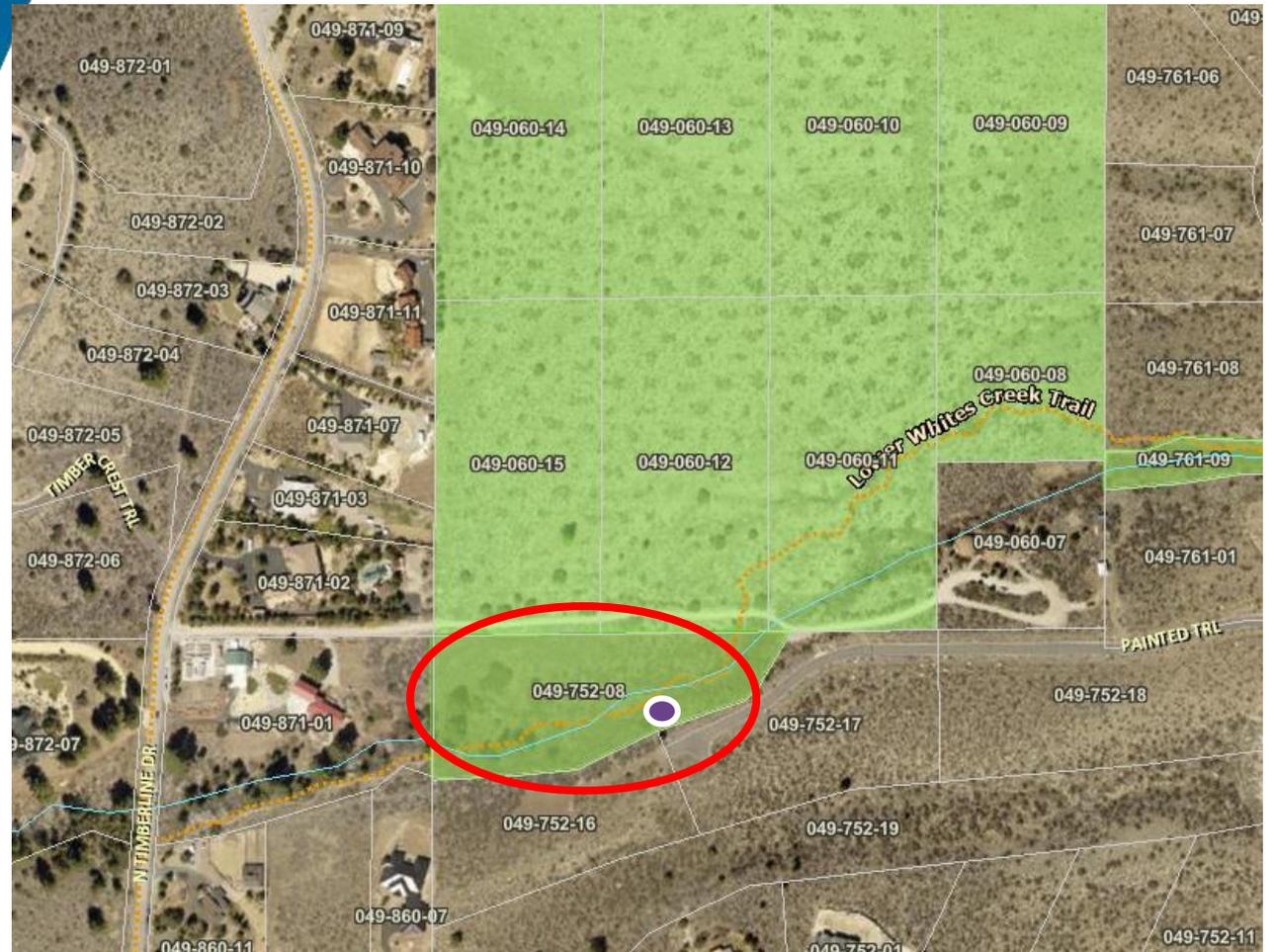
Washoe Regional Mapping System Map



February 24, 2023



Washoe County GIS
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community





Background and Request

- Non-exclusive ±60 square feet Access and Staff Gage Easement on APN 049-752-08
- Support the improvement of an existing stream gage formally operated by Truckee Meadows Water Authority (TWMA)
- Purpose: USGS will be taking over operation of the existing stream gage in a joint funding agreement with TWMA to collect and provide stream-flow information

Impacts

- 1 day of instillation
- Utilize existing staff gage and existing pole to minimize disturbance
- Additions:
 - small metal box for housing instrumentation
 - An additional post
 - Galvanized pipe with pressure sensor connecting from gage housing to Whites Creek
 - Staff and Crest gages

Example of Proposed Gage Instrumentation



Mitigation

- Painted Trail, south of Whites Creek will be used to access the site.
- Left bank was considered but gage would be visible from the Lower Whites Creek Trail and would require clearing of vegetation.
- By installing gage on right bank, existing structures can be utilized in the installation to minimize disturbance and is not visible from Lower Whites Creek Trail.
- Should funding for the gage discontinue, equipment will be removed from the site.

Possible Motion:

- Should the Commission agree with the recommendation a possible motion would be: “Move to recommend that the Board of County Commissioners approve a Grant of Easement granting a permanent, non-exclusive easement (totaling ±60 square feet) in the Southwest Truckee Meadows Planning Area, for the placement of stream gage housing instrumentation to support the existing stream gage located on Whites Creek.

Thank you

